

Title (en)

METHOD FOR APPLYING A POLYMERIC FILM TO A SUBSTRATE AND RESULTING ARTICLES

Title (de)

VERFAHREN ZUM AUFBRINGEN EINES POLYMERFILMS AUF EIN SUBSTRAT UND RESULTIERENDE GEGENSTÄNDE

Title (fr)

PROCÉDÉ POUR L'APPLICATION D'UN FILM POLYMÈRE SUR UN SUBSTRAT ET ARTICLES AINSI OBTENUS

Publication

**EP 3684851 A4 20210526 (EN)**

Application

**EP 18869621 A 20181027**

Priority

- US 201762577941 P 20171027
- US 2018057885 W 20181027

Abstract (en)

[origin: WO2019084522A1] A polymeric film or laminate comprising the same is applied to at least a portion of a surface of an underlying article to provide, for example, desired surface characteristics. To assist in such application, a polymerizable composition is coated onto at least one of the surface of the polymeric film or the laminate and the surface of the article. The polymerizable composition is then polymerized with the polymeric film or laminate positioned thereover to form a sufficiently polymerized interlayer between the polymeric film or laminate and the underlying surface in resulting articles. Ease of removal and/or repair of polymeric film and laminates comprising the polymeric film that are so applied is facilitated.

IPC 8 full level

**C08J 5/18** (2006.01); **B29C 35/08** (2006.01); **C08G 18/42** (2006.01); **C08G 18/75** (2006.01); **C09J 7/29** (2018.01)

CPC (source: EP KR US)

**B29C 37/0025** (2013.01 - US); **B29C 63/02** (2013.01 - EP KR US); **B32B 7/06** (2013.01 - EP); **B32B 7/12** (2013.01 - EP KR US); **B32B 25/042** (2013.01 - EP); **B32B 25/10** (2013.01 - EP); **B32B 25/14** (2013.01 - EP); **B32B 27/08** (2013.01 - EP US); **B32B 27/12** (2013.01 - EP KR); **B32B 27/20** (2013.01 - EP); **B32B 27/22** (2013.01 - EP); **B32B 27/304** (2013.01 - EP); **B32B 27/306** (2013.01 - EP); **B32B 27/308** (2013.01 - EP); **B32B 27/32** (2013.01 - EP); **B32B 27/38** (2013.01 - EP); **B32B 27/40** (2013.01 - EP KR); **B32B 37/04** (2013.01 - US); **B32B 37/12** (2013.01 - KR US); **B32B 37/15** (2013.01 - KR); **B32B 38/14** (2013.01 - KR US); **B32B 38/18** (2013.01 - KR); **C08J 5/12** (2013.01 - KR); **C08J 5/18** (2013.01 - EP KR); **B29C 63/0017** (2013.01 - EP US); **B29C 65/48** (2013.01 - US); **B29C 65/76** (2013.01 - US); **B32B 37/24** (2013.01 - US); **B32B 38/10** (2013.01 - US); **B32B 2037/243** (2013.01 - US); **B32B 2038/0076** (2013.01 - EP US); **B32B 2255/02** (2013.01 - EP); **B32B 2255/10** (2013.01 - EP); **B32B 2255/205** (2013.01 - EP); **B32B 2255/26** (2013.01 - EP); **B32B 2262/106** (2013.01 - EP); **B32B 2264/102** (2013.01 - EP); **B32B 2305/72** (2013.01 - US); **B32B 2307/306** (2013.01 - EP); **B32B 2307/4026** (2013.01 - EP); **B32B 2307/406** (2013.01 - EP); **B32B 2307/41** (2013.01 - EP); **B32B 2307/412** (2013.01 - EP); **B32B 2307/414** (2013.01 - EP); **B32B 2307/538** (2013.01 - EP); **B32B 2307/546** (2013.01 - EP); **B32B 2307/554** (2013.01 - EP); **B32B 2307/714** (2013.01 - EP); **B32B 2307/7265** (2013.01 - EP); **B32B 2307/732** (2013.01 - EP); **B32B 2307/748** (2013.01 - EP); **B32B 2307/752** (2013.01 - EP); **B32B 2375/00** (2013.01 - US); **B32B 2605/00** (2013.01 - EP KR); **C08J 2363/02** (2013.01 - EP); **C08J 2375/04** (2013.01 - KR)

Citation (search report)

- [XII] WO 2017156507 A1 20170914 - ENTROTECH INC [US], et al
- [XII] WO 2017156506 A1 20170914 - ENTROTECH INC [US], et al
- [XII] WO 2016126571 A1 20160811 - 3M INNOVATIVE PROPERTIES CO [US]
- See also references of WO 2019084522A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2019084522 A1 20190502**; CN 111542563 A 20200814; CN 111542563 B 20221227; EP 3684851 A1 20200729; EP 3684851 A4 20210526; EP 3684851 B1 20240605; JP 2021501067 A 20210114; JP 7509683 B2 20240702; KR 20200073218 A 20200623; SI 3684851 T1 20240830; US 11654610 B2 20230523; US 2020247036 A1 20200806; US 2023302717 A1 20230928

DOCDB simple family (application)

**US 2018057885 W 20181027**; CN 201880084559 A 20181027; EP 18869621 A 20181027; JP 2020523336 A 20181027; KR 20207011024 A 20181027; SI 201831113 T 20181027; US 201816756351 A 20181027; US 202318199947 A 20230520